

CELL SURFACE MOLECULE MEDIATING CELL ADHESION AND
SIGNAL TRANSMISSION

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Abstract of the Disclosure

Novel cell surface molecules recognized by monoclonal antibodies against a cell surface molecule of lymphocytic cells that play an important role in autoimmune diseases and allergic diseases have been isolated, identified, and
10 analyzed for their functions. The cell surface molecules are expressed specifically in thymocytes, lymphocytes activated by ConA-stimulation, and peripheral blood lymphocytes, and induce cell adhesion. Antibodies against the cell surface molecules significantly ameliorate
15 pathological conditions of autoimmune diseases and allergic diseases.

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